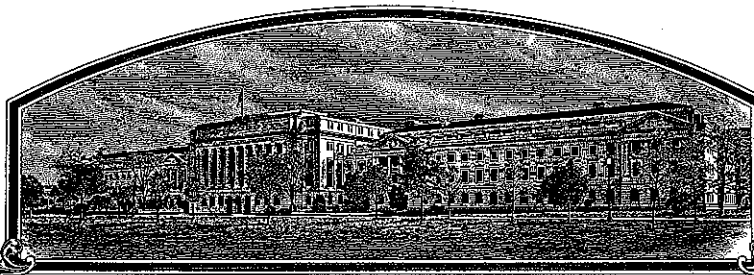


No.

200700420



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Board of Supervisors of Louisiana State University and
A&M College

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER-PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR PROPAGATING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE FOREGOING PURPOSES, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED IN THE PLANT VARIETY PROTECTION ACT. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

WHEAT, COMMON

'LA482'

In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington, D.C. this seventh day of December, in the year two thousand and seven.

Attest:

Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

Secretary of Agriculture

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY - PLANT VARIETY PROTECTION OFFICE

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE
(Instructions and information collection burden statement on reverse)

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

1. NAME OF OWNER Board of Supervisors of the Louisiana State University and A&M College		2. TEMPORARY DESIGNATION OR EXPERIMENTAL NAME LA5181BUB40-1	3. VARIETY NAME LA482										
4. ADDRESS <i>(Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)</i> LSU AgCenter 104 J. Norman Efferson Hall PO Box 25055 Baton Rouge, LA 70894		5. TELEPHONE <i>(include area code)</i> (225) 578-2110 6. FAX <i>(include area code)</i> (225) 578-1403	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th align="center" colspan="2">FOR OFFICIAL USE ONLY</th> </tr> <tr> <td style="width:50%;">PVPO NUMBER</td> <td style="width:50%; text-align: center;">200700420</td> </tr> <tr> <td>FILING DATE</td> <td style="text-align: center;">August 23, 2007</td> </tr> </table>	FOR OFFICIAL USE ONLY		PVPO NUMBER	200700420	FILING DATE	August 23, 2007				
FOR OFFICIAL USE ONLY													
PVPO NUMBER	200700420												
FILING DATE	August 23, 2007												
7. IF THE OWNER NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION <i>(corporation, partnership, association, etc.)</i> landgrant university	8. IF INCORPORATED, GIVE STATE OF INCORPORATION	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td rowspan="3" style="width:5%; text-align: center; vertical-align: middle;">F E E S R E C E I V E D</td> <td colspan="2">FILING AND EXAMINATION FEES:</td> </tr> <tr> <td style="width:50%;">\$ 4382.00</td> <td style="width:50%;">DATE 8/22/2007</td> </tr> <tr> <td colspan="2">CERTIFICATION FEE:</td> </tr> <tr> <td colspan="2">\$ 768.00</td> <td>DATE 10/16/07</td> </tr> </table>		F E E S R E C E I V E D	FILING AND EXAMINATION FEES:		\$ 4382.00	DATE 8/22/2007	CERTIFICATION FEE:		\$ 768.00		DATE 10/16/07
F E E S R E C E I V E D	FILING AND EXAMINATION FEES:												
	\$ 4382.00	DATE 8/22/2007											
	CERTIFICATION FEE:												
\$ 768.00		DATE 10/16/07											
10. NAME AND ADDRESS OF OWNER REPRESENTATIVE(S) TO SERVE IN THIS APPLICATION. <i>(First person listed will receive all papers)</i> Dr. Stephen A. Harrison LSU School of Plant, Environmental & Soil Sciences 104 MB Sturgis Hall Baton Rouge, LA 70803-2110													
11. TELEPHONE <i>(include area code)</i> (225) 578-2110	12. FAX <i>(include area code)</i> (225) 578-1403	13. E-MAIL sharrison@agctr.lsu.edu											
14. CROP KIND <i>(Common Name)</i> wheat	16. FAMILY NAME <i>(Botanical)</i> Poaceae	18. DOES THE VARIETY CONTAIN ANY TRANSGENES? (OPTIONAL) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF SO, PLEASE GIVE THE ASSIGNED USDA-APHIS REFERENCE NUMBER FOR THE APPROVED PETITION TO DEREGULATE THE GENETICALLY MODIFIED PLANT FOR COMMERCIALIZATION.											
15. GENUS AND SPECIES NAME OF CROP Triticum aestivum	17. IS THE VARIETY A FIRST GENERATION HYBRID? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	20. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE SOLD AS A CLASS OF CERTIFIED SEED? (See Section 83(a) of the Plant Variety Protection Act) <input type="checkbox"/> YES <i>(If "yes", answer items 21 and 22 below)</i> <input checked="" type="checkbox"/> NO <i>(If "no", go to item 23)</i>											
19. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED <i>(Follow instructions on reverse)</i> a. <input checked="" type="checkbox"/> Exhibit A. Origin and Breeding History of the Variety b. <input checked="" type="checkbox"/> Exhibit B. Statement of Distinctness c. <input checked="" type="checkbox"/> Exhibit C. Objective Description of Variety d. <input checked="" type="checkbox"/> Exhibit D. Additional Description of the Variety <i>(Optional)</i> e. <input checked="" type="checkbox"/> Exhibit E. Statement of the Basis of the Owner's Ownership f. <input checked="" type="checkbox"/> Voucher Sample <i>(2,500 viable untreated seeds or, for tuber propagated varieties, verification that tissue culture will be deposited and maintained in an approved public repository)</i> g. <input checked="" type="checkbox"/> Filing and Examination Fee (\$3,652), made payable to "Treasurer of the United States" <i>(Mail to the Plant Variety Protection Office)</i>		21. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF CLASSES? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF YES, WHICH CLASSES? <input type="checkbox"/> FOUNDATION <input type="checkbox"/> REGISTERED <input type="checkbox"/> CERTIFIED 22. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF YES, SPECIFY THE NUMBER 1,2,3, etc. FOR EACH CLASS. <input type="checkbox"/> FOUNDATION <input type="checkbox"/> REGISTERED <input type="checkbox"/> CERTIFIED <i>(If additional explanation is necessary, please use the space indicated on the reverse.)</i>											
23. HAS THE VARIETY (INCLUDING ANY HARVESTED MATERIAL) OR A HYBRID PRODUCED FROM THIS VARIETY BEEN SOLD, DISPOSED OF, TRANSFERRED, OR USED IN THE U. S. OR OTHER COUNTRIES? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, YOU MUST PROVIDE THE DATE OF FIRST SALE, DISPOSITION, TRANSFER, OR USE FOR EACH COUNTRY AND THE CIRCUMSTANCES. <i>(Please use space indicated on reverse.)</i>		24. IS THE VARIETY OR ANY COMPONENT OF THE VARIETY PROTECTED BY INTELLECTUAL PROPERTY RIGHT (PLANT BREEDER'S RIGHT OR PATENT)? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF YES, PLEASE GIVE COUNTRY, DATE OF FILING OR ISSUANCE AND ASSIGNED REFERENCE NUMBER. <i>(Please use space indicated on reverse.)</i>											
25. The owners declare that a viable sample of basic seed of the variety has been furnished with application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate. The undersigned owner(s) is(are) the owner of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 42, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act. Owner(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.													
SIGNATURE OF OWNER  NAME <i>(Please print or type)</i> Stephen A. Harrison		SIGNATURE OF OWNER NAME <i>(Please print or type)</i> Stephen A. Harrison											
CAPACITY OR TITLE breeder - Professor	DATE 08/17/2007	CAPACITY OR TITLE breeder - Professor	DATE 08/17/2007										

(See reverse for instructions and information collection burden statement)

INSTRUCTIONS

200700420

GENERAL: To be effectively filed with the Plant Variety Protection Office (PVPO), **ALL** of the following items must be **received** in the PVPO: (1) Completed application form signed by the owner; (2) completed exhibits A, B, C, E; (3) for a seed reproduced variety at least 2,500 viable untreated seeds, for a hybrid variety at least 2,500 untreated seeds of each line necessary to **reproduce** the variety, or for tuber reproduced varieties verification that a viable (*in the sense that it will reproduce an entire plant*) tissue culture will be deposited and maintained in an approved public repository; (4) check drawn on a U.S. bank for \$3,652 (\$432 filing fee and \$3,220 examination fee), payable to "Treasurer of the United States" (See Section 97.6 of the Regulations and Rules of Practice.) Partial applications will be held in the PVPO for not more than 90 days, then returned to the applicant as unfilled. Mail application and other requirements to Plant Variety Protection Office, AMS, USDA, Room 401, NAL Building, 10301 Baltimore Avenue, Beltsville, MD 20705-2351. Retain one copy for your files. All items on the face of the application are self explanatory unless noted below. Corrections on the application form and exhibits must be initialed and dated. **DO NOT** use masking materials to make corrections. If a certificate is allowed, you will be requested to send a check payable to "Treasurer of the United States" in the amount of \$432 for issuance of the certificate. Certificates will be issued to owner, not licensee or agent.

Plant Variety Protection Office

Telephone: (301) 504-5518

FAX: (301) 504-5291

Homepage: <http://www.ams.usda.gov/science/pvpo/pvpindex.htm>

To avoid conflict with other variety names in use, the applicant must check the appropriate recognized authority and provide evidence that name has been cleared by the appropriate recognized authority before the Certificate of Protection is issued. For example, for agricultural and vegetable crops, contact: Seed Branch, AMS, USDA, 10301 Baltimore Avenue, Suite 401 NAL Building, Beltsville, MD 20705. Telephone: (301) 504-5682 <http://www.ams.usda.gov/lsg/seed.htm>.

ITEM

- 19a. Give: (1) the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method;
(2) the details of subsequent stages of selection and multiplication;
(3) evidence of uniformity and stability; and
(4) the type and frequency of variants during reproduction and multiplication and state how these variants may be identified
- 19b. Give a summary of the variety's distinctness. Clearly state how this application variety may be distinguished from all other varieties in the same crop. If the new variety is most similar to one variety or a group of related varieties:
- (1) identify these varieties and state all differences objectively;
(2) attach statistical data for characters expressed numerically and demonstrate that these are clear differences; and
(3) submit, if helpful, seed and plant specimens or photographs (prints) of seed and plant comparisons which clearly indicate distinctness.
- 19c. Exhibit C forms are available from the PVPO Office for most crops; specify crop kind. Fill in Exhibit C (Objective Description of Variety) form as completely as possible to describe your variety.
- 19d. Optional additional characteristics and/or photographs. Describe any additional characteristics that cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the characteristics that are difficult to describe, such as plant habit, plant color, disease resistance, etc.
- 19e. Section 52(5) of the Act requires applicants to furnish a statement of the basis of the applicant's ownership. An Exhibit E form is available from the PVPO.
20. If "Yes" is specified (*seed of this variety be sold by variety name only, as a class of certified seed*), the applicant **MAY NOT** reverse this affirmative decision after the variety has been sold and so labeled, the decision published, or the certificate issued. However, if "No" has been specified, the applicant may change the choice. (See Regulations and Rules of Practice, Section 97.103).
23. See Sections 41, 42, and 43 of the Act and Section 97.5 of the regulations for eligibility requirements.
24. See Section 55 of the Act for instructions on claiming the benefit of an earlier filing date.

22. CONTINUED FROM FRONT (Please provide a statement as to the limitation and sequence of generations that may be certified.)

none

23. CONTINUED FROM FRONT (Please provide the date of first sale, disposition, transfer, or use for each country and the circumstances, if the variety (including any harvested material) or a hybrid produced from this variety has been sold, disposed of, transferred, or used in the U.S. or other countries.)

September 6, 2006 . commercial sale.

24. CONTINUED FROM FRONT (Please give the country, date of filing or issuance, and assigned reference number, if the variety or any component of the variety is protected by intellectual property right (Plant Breeder's Right or Patent).)

none

NOTES: It is the responsibility of the applicant/owner to keep the PVPO informed of any changes of address or change of ownership or assignment or owner's representative during the life of the application/certificate. The fees for filing a change of address; owner's representative; ownership or assignment; or any modification of owner's name is specified in Section 97.175 of the regulations. (See Section 101 of the Act, and Sections 97.130, 97.131, 97.175(h) of the Regulations and Rules of Practice.)

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 1.4 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, gender, religion, age, disability, sexual orientation, marital or family status, political beliefs, parental status, or protected genetic information. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at 202-720-2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 14th and Independence Avenue, SW, Washington, DC 20250-9410 or call 202-720-5964 (voice and TDD). USDA is an equal opportunity provider and employer.

LA482 Wheat
Exhibit A
Origin and Breeding History

LA482 is a new soft red winter wheat variety developed by the Louisiana State University Agricultural Center (LSUAC). LA 482 was tested as LA95181BUB40-1. Exclusive marketing rights for LA 482 have been licensed to Terral Seed Inc. of Lake Providence, LA.

Pedigree:

LA95181 was developed from the cross: FR93.12/FL85238-G76,F1//Coker 9835.

FL85238-G76 is a non-released sister line of Morey (tested as GA 85238C5-AB5-4).

Morey (PVP9500288) was released by the Universities of Georgia and Florida from the cross FL85238 (FL8172-G116/Florida 303).

Florida 303 is a released variety (PVP 9000018). FL8172-G11b is a non-released sister line of the released variety, Florida 304 (PVP 9300295).

FL93.12 was entry no. 80 in the USDA 1992-93 Winter Wheat Powdery Mildew Nursery and is a breeding line submitted by G. Doussinault of LeRheu France.

Coker 9835 (PVP 9100142) was developed by Coker's Pedigreed Seed Company and released in 1990.

Breeding History:

NOTE: Years refer to harvest year. The growing cycle 1997-98 is referred to as 1998.

1995 - The cross was made in the field at the Ben Hur Research Farm by Dr. Stephen A. Harrison. It was cross 95181 (the 181st cross of 1995)

1996 - The F₁ population was grown at the Ben Hur Research Farm in 1996 (harvest year) and harvested as a bulk of F₁ plants.

1996 - The F₂ generation was grown in Uruguay during the summer-fall of 1996 and harvested as a bulk of F₂ plants with no selection.

1997 - The F₃ (LA95181BU) was grown as a thinly-planted plot at Baton Rouge during 1997. Approximately 150 individual heads were selected based on plant type, maturity, and disease reaction. These were threshed in bulk to form an F₄ bulk.

1998 - LA95181BUB was grown as a F₄ plot during 1998. Individual plant were selected for plant type, maturity, and resistance to leaf rust and other foliar diseases. Approximately 150 heads were harvested and individually threshed.

1999 - The $F_{4.5}$ headrow, LA95181BUB40, was the 40th headrow planted from that group and was grown in 1999. It was selected for plant type, maturity, and resistance to leaf rust and other foliar diseases. The F_5 headrow was selected based on plant type, maturity, and resistance to leaf rust and other foliar diseases. Individual heads were harvested from six different plants in that headrow.

2000 - LA95181BUB40-1 (the first head from LA95181BUB40) was grown as an $F_{5.6}$ wheat headrow number 21,772 in 2000. It was selected for plant type, maturity, and resistance to leaf rust and other foliar diseases. The entire $F_{4.5}$ headrow was harvested.

2001 - LA95181BUB40-1 ($F_{5.7}$) was evaluated as a non-replicated observation plot (Wheat Prelim-D) in 2001. It was selected for uniformity (purity), plant type, maturity, lodging resistance, disease resistance, grain yield, and test weight.

2002 - LA95181BUB40-1 was evaluated in Wheat prelim-A and in seed increases-purification strips were grown at Baton Rouge and Winnsboro.

2003 - 2006 - LA95181BUB40-1 was tested in replicated regional trials and seed was increased. A release decisions was made in the summer of 2006.

Selection and Observed Characters

LA482 is an F_5 derived line. Selection criteria is outlined above and included selection for leaf and stripe rust resistance and plant type in each generation. The variety has been shown to be true-breeding across multiple generations and environments.

Stability:

The variety has been observed to be stable and uniform across multiple locations from 2001 through 2007 (seven generations).

Variants

The variety has a low frequency of variants that include:

1. Slightly taller (up to 9 cm) variants occur at up to 0.05% frequency.
2. Awned variants up to 0.05%.

Exhibit B
Novelty Statement
LA482 wheat

LA482 is most similar to AgriPro Mason (PVP9600218). Both varieties are awnless, medium-short statured, short vernalization, early-maturing soft red winter wheat varieties adapted to the deep south. They have similar heading dates and heights.

LA482 is 2.5" taller and heads one day earlier than Mason based on data across Louisiana for 2002 and 2003. Both varieties have fairly broad, green leaves. Both varieties are resistant to leaf and stripe rust races prevalent in Louisiana during 2002 and 2003.

Wheat performance Prelim-A across Louisiana for 2002.				
Entry	Yield bu/a	heading day day of year	Plant ht in	Stripe rust %
LA482	72.8	93	39	0
MASON	67.4	94	37	0
Mean (31 entries)	57.4	91	37	2
LSD	15.0	1	2	6
Data from Baton Rouge and Winnsboro, LA for the 2002 harvest season.				

Wheat performance trial across Louisiana for 2003.				
Entry	Yield bu/a	heading day day of year	Plant ht in	Stripe rust %
LA482	79.3	92	39	2
MASON	74.0	93	36	0
Mean (42 entries)	72.8	98	38	13
LSD	9.3	1	1	14
Data from Alexandria, Baton Rouge, Bossier City, Crowley, Jeanerette, St. Joseph, and Winnsboro, LA for the 2003 harvest season.				

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**U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY
PLANT VARIETY PROTECTION OFFICE
BELTSVILLE, MD 20705**

Exhibit C

**OBJECTIVE DESCRIPTION OF VARIETY
Wheat (*Triticum* spp.)**

NAME OF APPLICANT (S)
**Board of Supervisors of the Louisiana State
University and A&M College**

TEMPORARY OR EXPERIMENTAL DESIGNATION

LA95181BUB40-1

VARIETY NAME

LA482

ADDRESS (Street and No. or RD No., City, State, Zip Code, and Country)

**LSU AgCenter
104 J. Norman Efferson Hall
PO Box 25055
Baton Rouge, LA 70894**

FOR OFFICIAL USE ONLY

PVPO NUMBER

#200700420

PLEASE READ ALL INSTRUCTIONS CAREFULLY:

Place the appropriate number that describes the varietal character of this variety in the boxes below. Place a zero in the first box (e.g., or) when number is either 99 or less or 9 or less respectively. Data for quantitative plant characters should be based on a minimum of 100 plants. Comparative data should be determined from varieties entered in the same trial. Royal Horticultural Society or any recognized color standard may be used to determine plant colors; designate system used: **Royal Horticultural Society**. Please answer all questions for your variety; lack of response may delay progress of your application.

1. KIND:

- 1 = Common
2 = Durum
3 = Club
4 = Other (Specify) _____

2. VERNALIZATION:

- 1 = Spring
2 = Winter
3 = Other (Specify) _____

3. COLEOPTILE ANTHOCYANIN:

- 1 = Absent 2 = Present

4. JUVENILE PLANT GROWTH:

- 1 = Prostrate 2 = Semi-erect 3 = Erect

5. PLANT COLOR: (boot stage) RHS 137A

- 1 = Yellow-Green
2 = Green
3 = Blue-Green

6. FLAG LEAF: (boot stage) 14.6 MM WIDTH

- 1 = Erect 2 = Recurved

- 1 = Not Twisted 2 = Twisted

- 1 = Wax Absent 2 = Wax Present

7. EAR EMERGENCE:

Number of Days (Average) – day of year

Number of Days Earlier Than * LA841 and 26R61 _____

Same As *

Number of Days Later Than * _____

*Relative to a PVPO-Approved Commercial Variety Grown in the Same Trial

8. ANTHOR COLOR:

- 1 = Yellow 2 = Purple

9. PLANT HEIGHT: (from soil to top of head, excluding awns)

cm (Average)

cm Taller Than LA841 _____ *

Same As Pat _____ *

cm Shorter Than Mason _____ *

10. STEM:**A. ANTHOCYANIN**

1 = Absent 2 = Present

B. WAXY BLOOM

1 = Absent 2 = Present

C. HAIRINESS (last internode of rachis)

1 = Absent 2 = Present

D. INTERNODE

1 = Hollow

2 = Semi-solid

3 = Solid

Number of Nodes

E. PEDUNCLE

1 = Erect

2 = Recurved

3 = Semi-erect

cm Length

F. AURICLE

Anthocyanin

1 = Absent

2 = Present

Hair:

1 = Absent

2 = Present

11. HEAD: (At Maturity)**A. DENSITY**

1 = Lax

2 = Middense (Laxidense)

3 = Dense

B. SHAPE

1 = Tapering

2 = Strap

3 = Clavate

4 = Other (Specify) _____

C. CURVATURE

1 = Erect

2 = Inclined

3 = Recurved

D. AWNEDNESS

1 = Awnless

2 = Apically Awnletted

3 = Awnletted

4 = Awned

12. GLUMES: (At Maturity)**A. COLOR**

1 = White RHS 162D

2 = Tan

3 = Other (Specify) _____

B. SHOULDER

1 = Wanting

2 = Oblique

3 = Rounded

4 = Square

5 = Elevated

6 = Apiculate

7 = Other (Specify) _____

C. SHOULDER WIDTH

1 = Narrow

2 = Medium

3 = Wide

D. BEAK

1 = Obtuse

2 = Acute

3 = Acuminate

E. BEAK WIDTH

1 = Narrow

2 = Medium

3 = Wide

F. GLUME LENGTH

1 = Short (ca. 7mm)

2 = Medium (ca. 8mm)

3 = Long (ca. 9mm)

G. WIDTH

1 = Narrow (ca. 3mm)

2 = Medium (ca. 3.5mm)

3 = Long (ca. 4mm)

H. GLUME PUBESCENCE:

1 = Not Present

2 = Present

13. SEED:

A. SHAPE

- ☐ 2 1 = Ovate
2 = Oval
3 = Elliptical

B. CHEEK

- ☐ 1 1 = Rounded
2 = Angular

C. BRUSH

- ☐ 2 1 = Short
2 = Medium
3 = Long
- ☐ 1 1 = Not Collared
2 = Collared

D. CREASE

- ☐ 1 1 = Width 60% or less of Kernel
2 = Width 80% or less of Kernel
3 = Width Nearly as Wide as Kernel
- ☐ 2 1 = Depth 20% or less of Kernel
2 = Depth 35% or less of Kernel
3 = Depth 50% or less of Kernel

E. COLOR

- ☐ 3 1 = White
2 = Amber
3 = Red
4 = Other (Specify) _____

F. TEXTURE

- ☐ 2 1 = Hard
2 = Soft
3 = Other (Specify) _____

G. PHENOL REACTION (See Instructions)

- ☐ 1 = Ivory
2 = Fawn
3 = Light Brown
4 = Dark Brown
5 = Black

H. SEED WEIGHT

- ☐ 3 ☐ 7 g/1000 Seed (Whole number only)

I. GERM SIZE

- ☐ 2 1 = Small
2 = Midsize
3 = Large

14. DISEASE: (0 = Not Tested 1 = Susceptible 2 = Resistant 3 = Intermediate 4 = Tolerant)

PLEASE INDICATE THE SPECIFIC RACE OR STRAIN TESTED

- | | |
|---|--|
| <input type="checkbox"/> 2 Stem Rust (<i>Puccinia graminis</i> f. sp. <i>tritici</i>) RKQQ, QFCS, TPMK | <input type="checkbox"/> 2 Leaf Rust (<i>Puccinia recondita</i> f. sp. <i>tritici</i>) NBBK, THBJ, MCRK, TBBF, MCDS |
| <input type="checkbox"/> 2 Stripe Rust (<i>Puccinia striiformis</i>) | <input type="checkbox"/> 0 Loose Smut (<i>Ustilago tritici</i>) |
| <input type="checkbox"/> 0 Tan Spot (<i>Pyrenophora tritici-repentis</i>) | <input type="checkbox"/> 0 Flag Smut (<i>Urocystis agropyri</i>) |
| <input type="checkbox"/> 0 Halo Spot (<i>Selenophoma donacis</i>) | <input type="checkbox"/> 0 Common Bunt (<i>Tilletia tritici</i> or <i>T. laevis</i>) |
| <input type="checkbox"/> 3 <i>Septoria nodorum</i> (Glume Blotch) | <input type="checkbox"/> 0 Dwarf Bunt (<i>Tilletia controversa</i>) |
| <input type="checkbox"/> 0 <i>Septoria avenae</i> (Speckled Leaf Disease) | <input type="checkbox"/> 0 Karnal Bunt (<i>Tilletia indica</i>) |
| <input type="checkbox"/> 3 <i>Septoria tritici</i> (Speckled Leaf Blotch) | <input type="checkbox"/> 3 Powdery Mildew (<i>Erysiphe graminis</i> f. sp. <i>tritici</i>) |
| <input type="checkbox"/> 0 Scab (<i>Fusarium</i> spp.) | <input type="checkbox"/> 0 "Snow Molds" |
| <input type="checkbox"/> 0 "Black Point" (Kernel Smudge) | <input type="checkbox"/> 0 Common Root Rot (<i>Fusarium</i> , <i>Cochliobolus</i> and <i>Bipolaris</i> spp.) |
| <input type="checkbox"/> 0 Barley Yellow Dwarf Virus (BYDV) | <input type="checkbox"/> 0 Rhizoctonia Root Rot (<i>Rhizoctonia solani</i>) |
| <input type="checkbox"/> 2 Soilborne Mosaic Virus (SBMV) | <input type="checkbox"/> 0 Black Chaff (<i>Xanthomonas campestris</i> pv. <i>translucens</i>) |
| <input type="checkbox"/> 3 Wheat Yellow (Spindle Streak) Mosaic Virus | <input type="checkbox"/> 0 Bacterial Leaf Blight (<i>Pseudomonas syringae</i> pv. <i>syringae</i>) |
| <input type="checkbox"/> 0 Wheat Streak Mosaic Virus (WSMV) | <input type="checkbox"/> Other (Specify) _____ |
| <input type="checkbox"/> Other (Specify) _____ | <input type="checkbox"/> Other (Specify) _____ |
| <input type="checkbox"/> Other (Specify) _____ | <input type="checkbox"/> Other (Specify) _____ |
| <input type="checkbox"/> Other (Specify) _____ | <input type="checkbox"/> Other (Specify) _____ |

15. INSECT: (0 = Not Tested 1 = Susceptible 2 = Resistant 3 = Intermediate 4 = Tolerant)

PLEASE SPECIFY BIOTYPE (where needed)

- | | |
|---|--|
| <input type="checkbox"/> 2 Hessian Fly (<i>Mayetiola destructor</i>) Biotype E | <input type="checkbox"/> Other (Specify) _____ |
| <input type="checkbox"/> 0 Stem Sawfly (<i>Cephus</i> spp.) | <input type="checkbox"/> Other (Specify) _____ |
| <input type="checkbox"/> 0 Cereal Leaf Beetle (<i>Oulema melanopa</i>) | <input type="checkbox"/> Other (Specify) _____ |

15. INSECT: (continued) 0 = Not Tested 1 = Susceptible 2 = Resistant 3 = Intermediate 4 = Tolerant

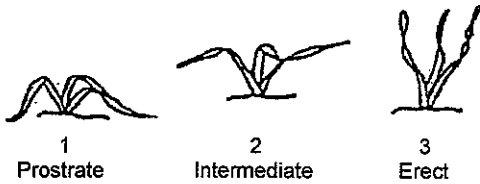
PLEASE SPECIFY BIOTYPE (Where Needed)

<input type="checkbox"/> 0	Russian Aphid (<i>Diuraphis noxia</i>)	<input type="checkbox"/>	Other (Specify) _____
<input type="checkbox"/> 0	Greenbug (<i>Schizaphis graminum</i>)	<input type="checkbox"/>	Other (Specify) _____
<input type="checkbox"/> 0	Aphids	<input type="checkbox"/>	Other (Specify) _____

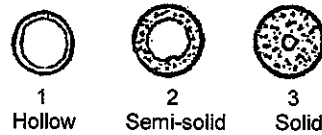
16. ADDITIONAL INFORMATION ON ANY ITEM ABOVE, OR GENERAL COMMENTS:

Section Numbers Correspond to the Numbers of the Sections on the Form

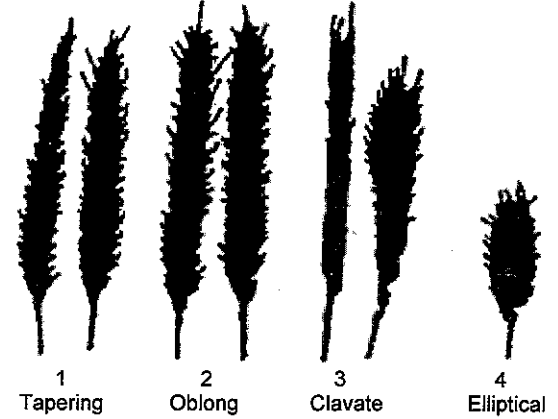
4. EARLY PLANT GROWTH HABIT:



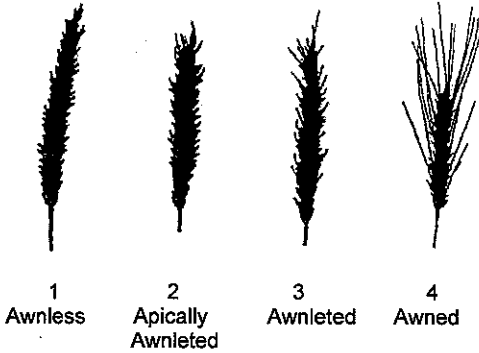
10. STEM INTERNODE X-SECTION:



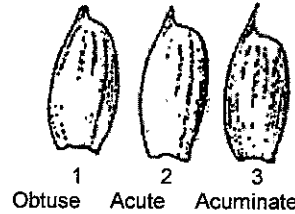
11. SPIKE SHAPE:



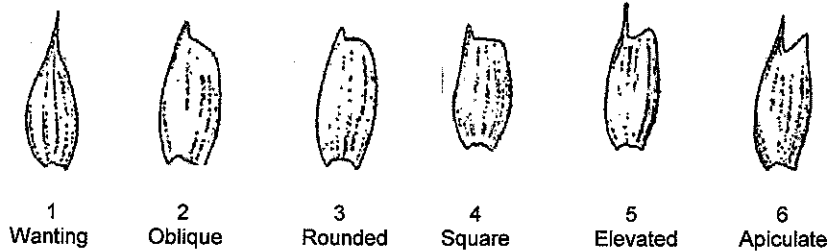
11. AWNEDNESS:



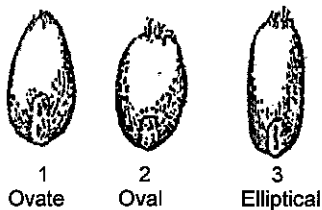
12. BEAK SHAPE:



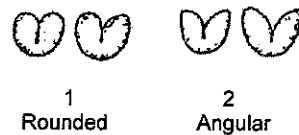
12. SHOULDER SHAPE:



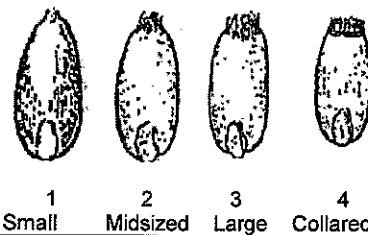
13. SEED SHAPE:



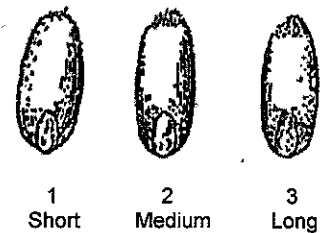
13. CHEEK SHAPE:



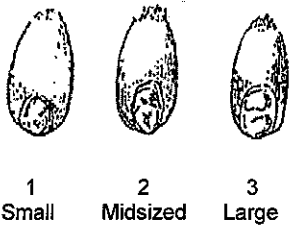
13. BRUSH SIZE



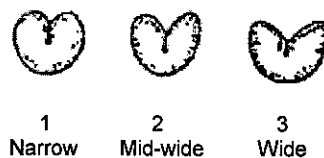
13. BRUSH HAIR LENGTH:



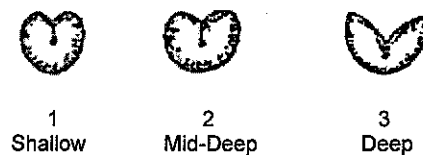
13. GERM (EMBRYO) SIZE:



13. SEED CREASE WIDTH:



13. SEED CREASE DEPTH:



LA482 wheat
Exhibit D
Additional Description of Variety

LA482 is a new soft red winter wheat variety developed by the Louisiana State University Agricultural Center (LSUAC). LA 482 was tested as LA95181BUB40-1 hereafter referred to as LA95181 or LA 482. Exclusive marketing rights for LA 482 have been licensed to Terral Seed Inc. of Lake Providence, LA. Plant Variety Protection will be applied for.

LA482 is adapted to the Gulf Coast and southeastern wheat regions of the US. It has excellent grain yield and lodging resistance. It is a little earlier heading than Terral LA841 and about average in height. LA 482 had a three-year mean heading date of 86 days (day of year), compared to 89 for LA 841 and AGS 2000, and 93 for Panola in Louisiana statewide trials. LA 482 had an average height of 39" compared to 37" for LA 841 and AGS 2000 in the same trials. It has good lodging resistance. LA 482 is awnless and leaves are dark green and mid-broad.

LA 482 has excellent resistance to stripe rust and good resistance to leaf rust. Molecular marker data indicate that LA 482 probably has stripe rust resistance genes *Yr17*, *Yr18*, and *Yr27*. The reaction of LA95181 to powdery mildew is intermediate and varies somewhat across locations. It is resistant to Hessian fly biotype E based on USDA seedling tests and susceptible to other biotypes. It showed pretty good field resistance to Hessian Fly in Georgia during 2005. It has an intermediate reaction to WSSMV based on limited results from the 2005 USDA USSRWVN. The test weight of LA95181 is a little low, about equal to that of Natchez.

Milling and baking quality is comparable to other varieties. LA95181BUB40-1 has been tested in statewide Louisiana wheat variety trials since 2003 (harvest year). It was evaluated in the 2005 (harvest year) USDA Uniform Soft Red Winter Wheat Nursery (USSRWVN) across the southern US and was tested in other states in 2005. The complete USDA USSRWVN report for 2005 can be accessed at the web site below, including detailed milling and baking quality data.

<http://www.ars.usda.gov/SP2UserFiles/Place/53660000/us0405.pdf>



200700420

United States Department of Agriculture
Research, Education, and Economics
Agricultural Research Service

September 30, 2005

Dr. Steve Harrison
Louisiana State University
Agronomy Dept.
104 M.B. Sturgis Hall
Baton Rouge, LA 70803-2110

Dr. Harrison:

Attached are the quality data for the 2005 crop year of the Southern Soft Red Winter Wheat Nursery. You will recall that, as the samples are composites, we do only a minimal cleaning of the grain before milling. Even though test weights do not suggest a significant problem with grain condition, we did notice a significant portion of shriveled grain after the light cleaning.

That shriveled condition appears to have reduced the flour yield and elevated the softness of the checks, resulting in lowered mill scores than expected for AGS 2000 and Pioneer 26R61. Often, poor grain condition has a greater effect on the better milling wheat cultivars. Thus, we could not utilize either of those two cultivars as quality checks for analyses.

We chose USG 3209 as the quality check. The overall result was that most of the samples scored a "C" or a "D" for milling quality. Again, the scores of the better milling checks were depressed by grain condition and it can be expected that the scores of the better milling test lines were depressed, as well. From this set, lactic acid solvent retention capacities above 140 indicate soft wheats that have strong gluten.

The other data look good. As always, each line should be compared against the others and, even though the data were influenced by grain condition, that influence does not appear so large as to suggest that the results for 2005 cannot be utilized for comparative purposes.

Best regards,

A handwritten signature in cursive script, reading "Charles Gaines", is positioned below the "Best regards," text.

Charles Gaines
Research Leader



Soft Wheat Quality Laboratory • 1680 Madison Ave • Wooster, OH 44691
Voice: (1) 330.263.3891 • Fax: (1) 330.263.3651
e-mail: gaines.31@osu.edu

200700420

**2005 Crop
Advanced Nursery Evaluation**

Entries #2501-#2541

Steve Harrison

Baton Rouge, LA

Uniform Southern Nursery

The standard data is compared to the "Historical Average" for the cultivar, and quality scores for all entries are adjusted to this average.

The samples in this nursery were compared to entry #2502, USG 3209. Of the 734 cultivars in the SWQL data-base of Allis-milled cultivars, USG 3209 ranked 633rd for Milling Score, based on data from 5 Allis millings.

	Allis Data-base	Standard	Quad Data-base
Test Weight	61.2	61.1	61.2
Flour Yield	76.5	69.7	70.1
Break Flour	28.9		
E.S.I.	11.6		
Softness Equivalent	49.9	56.9	49.9
Friability	26.5		
Protein	8.5	8.0	8.5
Ash	0.45		
Cookie Diameter	17.1	17.1	17.4
Lactic Acid Retention	97	116	111
Mill Score	53.2 D	53.2 D	
Bake Score	43.0 E	43.0 E	
Test Wt. Score	58.3 D	58.3 D	
S.E. Score	58.3 D	58.3 D	

The following table shows how much the quality scores are adjusted to be similar to the adjustment of the standard, after comparison to the "historical data":

Milling Quality Score Factor	-3.4
Baking Quality Score Factor	+1.3
Softness Equivalent Factor	-20.0
Test Weight Score Factor	+1.2

Samples were "lightly" cleaned prior to analysis. Several of the samples still had light to moderate shriveled kernels.

Test weights for the nursery were generally good with an average test weight for all 41 entries of 61.6 lb/bu. Of particular note was entry #2505 (TN04-01) which had a test weight of 64.0 lb/bu and was the only entry to earn an "A".

The S.E. of the standard was much higher than expected (56.9% vs. 49.9%, historically). Both AGS 2000 (60.0% vs. 56.3%) and McCormick (63.2% vs. 57.3%) exhibited S.E. values that were similarly elevated. This would indicate that the samples were weathered causing them to be softer than normal. The S.E. Scores were adjusted downward by 20.0 points as a result.

While the flour yields of USG 3209 and McCormick matched very well with their historic values, the flour yields of AGS 2000 and Pioneer 26R61 were lower by 1.1% and 1.2%, respectively.

Sample #2509, (SC996289) had yellow flour when milled.

ADVANCED NURSERY EVALUATION FOR SOFT WHEAT MILLING AND BAKING QUALITY

LAB NO.	Samples composited from Bay AR, Belle Mina AL, Evansville IN, Queenstown MD, Newton MS, Knoxville TN, Warsaw VA			MILLING QUALITY SCORE		BAKING QUALITY SCORE		TEST WT. SCORE		SOFT. EQUIV. SCORE		MICRO T.W. LB/BU	
	STANDARD (#2502, USG 3209)			53.2	D	43.0	E	58.3	D	58.3	D	61.1	
2501	1	AGS 2000		66.9	C	68.7	C	61.8	C	67.2	C	61.5	
2502	2	USG 3209		53.2	D	43.0	E	58.3	D	58.3	D	61.1	
2503	3	Pioneer 26R61		53.4	D	52.3	D	71.7	B	55.4	D	62.7	
2504	4	McCormick		59.3	D	63.0	C	65.1	C	76.4	B	61.9	
2505	5	TN04-01		63.6	C	65.7	C	82.7	A	64.4	C	64.0	
2506	6	NC00-15332		40.0	E	66.3	C	48.7	E	67.0	C	59.9	
2507	7	MV 5-46		51.8	D	66.0	C	61.8	C	66.2	C	61.5	
2508	8	SC996284		56.3	D	60.3	C	71.8	B	77.0	B	62.7	
2509	9	SC996289		53.0	D	41.7	E	65.8	C	74.2	B	62.0	
2510	10	961526-3E15		51.2	D	62.3	C	62.1	C	69.9	C	61.5	
2511	11	961176-3A48		47.6	E	27.7	F	71.9	B	62.8	C	62.7	
2512	12	96229-3A41		52.5	D	59.0	D	63.8	C	64.7	C	61.7	
2513	13	951395-3A31		64.0	C	48.0	E	65.4	C	58.6	D	61.9	
2514	14	B990081		56.8	D	84.7	A	65.6	C	65.5	C	61.9	
2515	15	B990133		58.9	D	77.3	B	68.7	C	66.9	C	62.3	
2516	16	B990399		66.1	C	73.0	B	76.0	B	61.1	C	63.2	
2517	17	B990816		65.8	C	79.0	B	69.5	C	55.0	D	62.4	
2518	18	LA95181BUB40-1		56.9	D	81.0	A	52.3	D	83.8	A	60.3	
2519	19	LA96140BUA70-2		52.2	D	68.0	C	68.5	C	54.2	D	62.3	
2520	20	LA95135D54-2-3		49.9	E	51.0	D	49.1	E	81.4	A	60.0	
2521	21	AR 850-1-1		68.4	C	69.0	C	55.7	D	69.2	C	60.7	
2522	22	AR 93027-5-1		55.4	D	72.7	B	55.4	D	78.8	B	60.7	
2523	23	FL9547-B15-C1-D3		68.0	C	79.7	B	48.8	E	63.5	C	59.9	
2524	24	FL95345-A10-C5		53.6	D	52.0	D	72.3	B	54.2	D	62.7	
2525	25	FL99089-D35		57.9	D	64.7	C	70.6	B	54.5	D	62.5	
2526	26	D00*6874-9		49.2	E	60.3	C	66.5	C	68.7	C	62.0	
2527	27	D00*6874-2		49.4	E	47.7	E	68.1	C	64.6	C	62.2	
2528	28	D01-7017		45.9	E	55.7	D	53.4	D	65.7	C	60.5	
2529	29	D01*7759		59.7	D	60.7	C	57.3	D	76.7	B	60.9	
2530	30	VA01W-21		49.7	E	60.7	C	65.4	C	64.9	C	61.9	
2531	31	VA02W-513		48.4	E	49.0	E	66.4	C	57.3	D	62.0	
2532	32	VA02W-555		53.3	D	65.7	C	56.1	D	59.4	D	60.8	
2533	33	VA02W-370		50.8	D	50.7	D	70.2	B	61.4	C	62.5	
2534	34	981543A1-1-9-3		53.6	D	46.3	E	68.3	C	62.1	C	62.3	
2535	35	99751RA1-6-3		40.1	E	44.0	E	50.4	D	64.2	C	60.1	
2536	36	NC01-27750		54.1	D	58.3	D	50.7	D	61.4	C	60.1	
2537	37	NC00-15371		58.2	D	67.0	C	62.7	C	57.1	D	61.6	
2538	38	NC01-28087		48.9	E	89.7	A	53.5	D	75.5	B	60.5	
2539	39	G20412		51.3	D	65.7	C	51.7	D	66.3	C	60.3	
2540	40	G20921		43.7	E	34.3	F	67.8	C	53.9	D	62.2	
2541	41	G20922		41.0	E	53.3	D	66.4	C	49.9	E	62.0	

ADVANCED NURSERY EVALUATION FOR SOFT WHEAT MILLING AND BAKING QUALITY

LAB NO.	Samples composited from Bay AR, Belle Mina AL, Evansville IN, Queenstown MD, Newton MS, Knoxville TN, Warsaw VA			FLOUR YIELD %	SOFT. EQUIV. %	FLOUR PROT. %	LACTIC ACID RET'N	COOKIE DIAM. CM.	TOP GR.
	STANDARD (#2502, USG 3209)			69.7	56.9	7.97	116.3	17.05	3
2501	1	AGS 2000		72.4	60.0	8.52	110.8	17.82	5
2502	2	USG 3209		69.7	56.9	7.97	116.3	17.05	3
2503	3	Pioneer 26R61		69.7	55.9	8.97	* 117.0	17.33	4
2504	4	McCormick		70.9	63.2	8.43	123.9	17.65	4
2505	5	TN04-01		71.7	59.0	9.22	* 106.1	17.73	4
2506	6	NC00-15332	Q	67.0	60.0	7.84	109.0	17.75	4
2507	7	MV 5-46		69.4	59.7	8.35	106.9	17.74	3
2508	8	SC996284		70.3	63.4	8.42	134.4	17.57	4
2509	9	SC996289		69.6	62.5	8.45	137.0	17.01	2
2510	10	961526-3E15		69.3	61.0	8.38	118.7	17.63	3
2511	11	961176-3A48	*	68.5	58.5	8.48	136.7	16.59	Q 1
2512	12	96229-3A41		69.5	59.2	8.39	133.7	17.53	4
2513	13	951395-3A31		71.8	57.0	8.20	106.0	17.20	3
2514	14	B990081		70.4	59.4	8.15	138.2	18.30	4
2515	15	B990133		70.8	59.9	8.67	* 140.5	18.08	4
2516	16	B990399		72.2	57.9	7.92	109.7	17.95	4
2517	17	B990816		72.2	55.8	8.12	118.0	18.13	5
2518	18	LA95181BUB40-1		70.4	65.8	7.15	119.6	18.19	4
2519	19	LA96140BUA70-2		69.5	55.5	9.01	* 117.6	17.80	4
2520	20	LA95135D54-2-3		69.0	65.0	7.89	123.5	17.29	3
2521	21	AR 850-1-1		72.7	60.7	8.05	127.2	17.83	4
2522	22	AR 93027-5-1		70.1	64.1	7.93	123.9	17.94	4
2523	23	FL9547-B15-C1-D3		72.6	58.7	8.10	135.4	18.15	3
2524	24	FL95345-A10-C5		69.7	55.5	8.91	* 116.7	17.32	2
2525	25	FL99089-D35		70.6	55.6	8.89	* 119.2	17.70	4
2526	26	D00*6874-9	*	68.9	60.5	8.47	115.0	17.57	3
2527	27	D00*6874-2	*	68.9	59.1	8.78	* 119.4	17.19	2
2528	28	D01-7017	*	68.2	59.5	8.40	139.9	17.43	3
2529	29	D01*7759		71.0	63.4	8.41	149.0	17.58	3
2530	30	VA01W-21		69.0	59.2	7.93	110.1	17.58	3
2531	31	VA02W-513	*	68.7	56.6	8.64	* 125.4	17.23	3
2532	32	VA02W-555		69.7	57.3	8.35	114.2	17.73	3
2533	33	VA02W-370		69.2	58.0	8.14	123.4	17.28	3
2534	34	981543A1-1-9-3		69.7	58.2	9.15	* 115.4	17.15	2
2535	35	99751RA1-6-3	Q	67.0	59.0	8.84	* 119.6	17.08	2
2536	36	NC01-27750		69.8	58.0	8.36	111.3	17.51	2
2537	37	NC00-15371		70.6	56.5	8.77	* 124.1	17.77	3
2538	38	NC01-28087	*	68.8	62.9	8.16	91.5	18.45	4
2539	39	G20412		69.3	59.7	8.47	117.3	17.73	5
2540	40	G20921	Q	67.8	55.4	8.45	135.1	16.79	* 1
2541	41	G20922	Q	67.2	54.0	9.08	* 133.5	17.36	2

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). The information is held confidential until the certificate is issued (7 U.S.C. 2426).

EXHIBIT E
STATEMENT OF THE BASIS OF OWNERSHIP

1. NAME OF APPLICANT(S) Board of Supervisors of the Louisiana State University and A&M College	2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER LA95181BUB40-1	3. VARIETY NAME LA482
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP, and Country) LSU AgCenter 104 J. Norman Efferson Hall PO Box 25055 Baton Rouge, LA 70894	5. TELEPHONE (Include area code) (225) 578-2110	6. FAX (Include area code) (225) 578-1403
7. PVPO NUMBER 200700420		

8. Does the applicant own all rights to the variety? Mark an "X" in the appropriate block. If no, please explain.

☒

YES

☐

NO

9. Is the applicant (individual or company) a U.S. national or a U.S. based company? If no, give name of country.

☒

YES

☐

NO

10. Is the applicant the original owner?

☒

YES

☐

NO

If no, please answer one of the following:

a. If the original rights to variety were owned by individual(s), is (are) the original owner(s) a U.S. National(s)?

☐

YES

☐

NO

If no, give name of country

b. If the original rights to variety were owned by a company(ies), is (are) the original owner(s) a U.S. based company?

☐

YES

☐

NO

If no, give name of country

11. Additional explanation on ownership (Trace ownership from original breeder to current owner. Use the reverse for extra space if needed):

Licensed to Terral Seed Inc. for exclusive marketing

PLEASE NOTE:

Plant variety protection can only be afforded to the owners (not licensees) who meet the following criteria:

1. If the rights to the variety are owned by the original breeder, that person must be a U.S. national, national of a UPOV member country, or national of a country which affords similar protection to nationals of the U.S. for the same genus and species.
2. If the rights to the variety are owned by the company which employed the original breeder(s), the company must be U.S. based, owned by nationals of a UPOV member country, or owned by nationals of a country which affords similar protection to nationals of the U.S. for the same genus and species.
3. If the applicant is an owner who is not the original owner, both the original owner and the applicant must meet one of the above criteria.

The original breeder/owner may be the individual or company who directed the final breeding. See Section 41(a)(2) of the Plant Variety Protection Act for definitions.

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 0.1 hour per response, including the time for reviewing the instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, gender, religion, age, disability, sexual orientation, marital or family status, political beliefs, parental status, or protected genetic information. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotope, etc.) should contact USDA's TARGET Center at 202-720-2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 14th and Independence Avenue, SW, Washington, D.C. 20250-9410 or call (202) 720-5964 (voice and TDD). USDA is an equal opportunity provider and employer.

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 5 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

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**U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY
PLANT VARIETY PROTECTION OFFICE
BELTSVILLE, MD 20705**

**EXHIBIT F
DECLARATION REGARDING DEPOSIT**

NAME OF OWNER (S) Board of Supervisors of the Louisiana State University and A&M College	ADDRESS (Street and No. or RD No., City, State, and Zip Code and Country) LSU -School of Plant, Soil, Env'tl Sciences 104 MB Sturgis Hall Baton Rouge, LA 708-03	TEMPORARY OR EXPERIMENTAL DESIGNATION LA95181BUB40-1 VARIETY NAME LA482
NAME OF OWNER REPRESENTATIVE (S) Dr. Stephen A. Harrison	ADDRESS (Street and No. or RD No., City, State, and Zip Code and Country) LSU -School of Plant, Soil, Env'tl Sciences 104 MB Sturgis Hall Baton Rouge, LA 708-03	FOR OFFICIAL USE ONLY PVPO NUMBER #200700420

I do hereby declare that during the life of the certificate a viable sample of propagating material of the subject variety will be deposited, and replenished as needed periodically, in a public repository in the United States in accordance with the regulations established by the Plant Variety Protection Office.

Stephen A. Harrison
Signature

8/22/07
Date

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